

Figure 1. FGF-20

| +1 | M A | P | L | Δ | Ε | V, | G | G | F | L | G. | G | L | Ξ | G | L | G | ,Q | Q |
|----------|---|--|---|---|----------------------------------|--|-------------------------------|--|---|---|------------------------------------|--|--|--|--|---|---|---|--|
| | ATGGC' | | | | | | | | | | | | | | | | | | |
| | TACCG | AGG | GAA | rcg | GCT | TCA | GCC | | ζΑΑζ | KGA(| | GCC | GGA | CCT | CCC | GAA(| | GTC | GTC |
| | | | 10 | | | 20 | | | 30 |) . | | | 40 | | | . 20 | | | 60 |
| | | | | | | | 0 | | | | | | - | | | | | | |
| +1. | V G | _ | H | | | | | ₽ | | | | | | | | | | | |
| | GTGGG | TTC | GCA | TTT(| CT | GTT | GCC' | TCCI | rgc | CGG | GGA(| GCG(| GCC | GCC | GCI | GCT | GGG | CGAC | GCGC |
| | CACCC. | AAG | CGT | A A A (| GGA. | CAA | CGG | AGG | 7CG(| GCC | CTC | :GC | CGG | CGG | CGA | CGA | | GCTC | CGCG |
| | | | 70 | | | 80 | | | 9 (| 3 | | - 1 | 00 | | | 110 | | | 120 |
| | | , | | | | | | • | | | 0.07 | | | | | | | | |
| +1 | R S | | | | | | | | | | | | | | | | | | |
| | AGGAG | | | | | | | | | | | | | | | | | | |
| | TCCTC | | | CCT | | | GCG | GGC | | | _GG(| | | ACG | CGI | | عال الناوا | CGT. | |
| | | 1: | 30 | | | 140 | | | 150 | | | 1 | 60 | - | | 170 | | | 180 |
| | | | | | _ | _ = | _ | | | _ | | _ , | | | | | · _ · | - | |
| +1 | H G | | | | | | | L | | | | | | | | | | | L |
| | CACGG | | | | | | | | | | | | | | | | | | |
| | GTGCC | | | النافرا | ے لیاں | | | الركينال | | | سانيال (| | | بنيني). | احاجا | | ر دی ۱ | CIA | 240 |
| 8 8 8 | | , 1 | 90 | | | 200 | | | 21 | U | | | 20 | | | 230 | | | 240 |
| | | | _ | | _ | | | _ | | _ | ** | _ | 7 | - | _ | T | | · _ | F |
| +1 | P D CCCGA | | | | | | | | | | | | | | | | | | |
| | GGGCT | | | | | | | | | | | | | | | | | | |
| | GGGCT. | | | المانيان | | 260 | | | | | | | 80 | Contra | | 290 | | ٠٠٠ | 300 |
| | | 4 | 50 | | - • | 200 | ٠. | | ~ ~ / | ٠, | | 4 | 30 | | | | | | 500 |
| +1 | I S | 7.7 | 7 | 7.7 | · . | τ. | τ <i>τ</i> | S | т | P | G | 17 | D | 5 | G | ۲. | v | L | ·G |
| +1 | ATCAG | | | | | | | | | | | | | | | | - | | |
| | TAGTO | | | | | | | | | | | | | | | | | | |
| | indic | | 10 | | | 320 | | | | 0 | | | 40 | , | | 350 | | | 360 |
| | | _ | | * : | | | | . * | | - | | | | | | | | | |
| +1 | M N | D | K | G. | E | L | Y | G | s | E | K | L | т | S | E | C | I. | F | R |
| - | ATGAA | | | | | | | | | | | | | | | | | | |
| | | الحرا ال | CAA | AGG | | | C 1.5 | TGG. | ATC. | AGA | GAA. | AC L | | TTC | CG_{2} | AATG | CAT | CTT | LAGG |
| | TACTT | | | | | | | | | | | | | | | | | | |
| | TACTI | ACT | | | | | GAT | | | TCT | CTT | TGA | | SAAC | | TTAC | GTA | | ATCC 420 |
| | TACTT | ACT | GTT | TCC | TCI | TGA 380 | GAT | 'ACC' | TAG 39 | TCT 0 | CTT | TGA 4 | ATO | SAAC | GC' | TTAC | GTA | | ATCC |
| +1 | E Q | ACT 3 F | GTT 70 E | TCC E | TCI N | TGA 380 W | GAI Y | N N | TAG 39 T | TCT 0 Y | CTT S | TGA 4 S | ATC 00. | GAA(I | GC' Y | TTAC 410 K | GTA H | GAA : G | ATCC 420 |
| +1 | E Q GAGCA | ACT 3 F GTT | GTT 70 E TGA | TCC E AGA | TCI N GAP | TGA 380 W CTG | GAT Y GTA | 'ACC' N TAA | TAG 39 T CAC | TCT 0 Y CTA | CTT S TTC | TGA 4 S ATC | ATO 00 N | SAAC I ACAT | GC' Y TAT. | TTAC 410 K ATAA | GTA H ACA | gaa G .tgg | ATCC 420 D AGAC |
| +1 | E Q | ACT 3 F GTT | GTT 70 E TGA | TCC E AGA | TCI N GAP | TGA 380 W CTG | GAT Y GTA | 'ACC' N TAA | TAG 39 T CAC | TCT 0 Y CTA | CTT S TTC | TGA 4 S ATC | ATO 00 N | SAAC I ACAT | GC' Y TAT. | TTAC 410 K ATAA TATT | GTA H ACA TGT | GAA G TGG 'ACC | ATCC 420 D AGAC TCTG |
| +1 | E Q GAGCA | ACT 3 F GTT CAA | GTT 70 E TGA | TCC E AGA | TCI N GAP | TGA 380 W CTG | GAT Y GTA | ACC N TAA ATT | TAG 39 T CAC | TCT 0 Y CTA GAT | CTT S TTC | TGA 4 S ATC | ATO 00 N | SAAC I ACAT | GC' Y TAT. | TTAC 410 K ATAA | GTA H ACA TGT | GAA G TGG 'ACC | ATCC 420 D AGAC |
| +1 | E Q GAGCA CTCGT | F GTT CAA | GTT 70 E TGA ACT 30 | TCC E AGA TCT | TCI N GAP CTI | TGA 380 W ACTG GAC 440 | Y GTA CAT | N TAA TAA | TAG 39 T CAC GTG 45 | TCT 0 Y CTA GAT 0 | CTT S TTC AAG | TGA 4 S ATC TAC | N TAA | I ACAT FGT | Y TAT. | TTAC 410 K ATAA TATT 470 | H ACA TGT | GAA G TGG 'ACC | ATCC 420 D AGAC TCTG |
| +1 +1 | E Q GAGCA CTCGT | F GTT CAA 4 | GTT 70 E TGA ACT 30 R | TCC E AGA TCT Y | TCI N GAA CTI | TGA 380 W ACTG CGAC 440 | Y GTA CAT | N TAA TATT | TAG 39 T CAC GTG 45 N | TCT 0 Y CTA GAT 0 | S TTC AAG D | TGA S ATO TAO G | ATC 00 N TAA ATT 60 | I ACAT FGT: | Y PAT. ATA: | TTAC 410 K ATAA TATT 470 | H ACA TGT | GAA G .TGG 'ACC | ATCC 420 D AGAC TCTG 480 |
| +1 +1 | E Q GAGCA CTCGT | F GTT CAA 4 R GCCG | GTT 70 E TGA ACT 30 R CAG | TCC E AGA TCT Y GTA | TCI N GAP CTI F | TGA 380 W ACTG GAC 440 V TTGT | Y GTA CAT A | N TAA ATT L | TAG 39 T CAC GTG 45 N | TCT Y CTA GAT 0 K CAA | S TTC AAG D AGA | TGA S ATC TAC G CGC | N TAM JATT 160 | I ACAT FGT! | Y PAT. VTA: R CAA | TTAC 410 K ATAA TATT 470 D GAGA | H ACA TGT G | GAA G TGG 'ACC A | ATCC 420 D AGAC TCTG 480 R CAGG |
| +1 +1 | E Q GAGCA CTCGT | F GTT CAA 4 R GCCG | GTT 70 E TGA ACT 30 R CAG | TCC E AGA TCT Y GTA | TCI N GAP CTI F | TGA 380 W ACTG GAC 440 V TTGT | Y GTA CAT A CGC | N TAA ATT L | TAG 39 T CAC GTG 45 N TAA ATT | TCT Y CTA GAT O K CAA GTT | S TTC AAG D AGA TCT | TGA S ATC TAC G CGC GCC | N TAA 60 T | I ACAT FGT! | Y PAT. VTA: R CAA | TTAC 410 K ATAA TATT 470 D GAGA | H ACA TGT G TGG | GAA G TGG 'ACC A | ATCC 420 D AGAC TCTG 480 R CAGG GTCC |
| +1 | E Q GAGCA CTCGT | F GTT CAA 4 R GCCG | GTT 70 E TGA ACT 30 R CAG | TCC E AGA TCT Y GTA | TCI N GAP CTI F | TGA 380 W ACTG GAC 440 V TTGT | Y GTA CAT A CGC | N TAA ATT L | TAG 39 T CAC GTG 45 N | TCT Y CTA GAT O K CAA GTT | S TTC AAG D AGA TCT | TGA S ATC TAC G CGC | N TAA 60 T | I ACAT FGT! | Y PAT. VTA: R CAA | TTAC 410 K ATAA TATT 470 D GAGA | H ACA TGT G TGG | GAA G TGG 'ACC A | ATCC 420 D AGAC TCTG 480 R CAGG |
| +1 | E Q GAGCA CTCGT T G ACTGG | F GTT CAA 4 R CCG CGC | GTT 70 E TGA ACT 30 R CAG GTC 90 | E AGA TCT Y GTA CAT | N GAA CTI F TTI | WACTGACGACGACGACGACGACGACGACGACGACGACGACGACG | Y GTA CAT A | N TAA ATT L IACT | TAG 39 T CAC GTG 45 N TAA ATT 51 | TCT 0 Y CTA GAT 0 K CAA GTT 0 | S TTC AAG D AGA TCT | TGA S ATC TAC G GCC GCC | N TAP ATT 60 T TAAC | I ACAT FGTI P CTCC | Y TAT. ATA R TAA | TTAC 410 K ATAA TATT 470 D GAGA CTCT | H ACA TGT G ATGO | GAA G TGG 'ACC A GCGC | ATCC 420 D AGAC TCTG 480 R CAGG GTCC 540 |
| +1 +1 +1 | E Q GAGCA CTCGT T G ACTGG | F GTT CAA 4 R CCG 4 R | GTT 70 E TGA ACT 30 R CAG GTC 90 | E AGA TCT Y GTA CAT | TCI N GAP CTI F TTI AAA | TGA 380 W ACTG GAC 440 V TTGT AACA 500 | Y GTA CAT | N TAA ATT L IACT STGA | TAG 39 T CAC GTG 45 N TAA ATT 51 | TCT 0 Y CTA GAT 0 K CAA GTT 0 | S TTC AAG D AGA TCT | TGA S ATO TAO G CGG GCO S | N TAZ ATT 60 T TAAC TTC | I ACAT PGTI PCITCO | Y PATA | TTAC 410 K ATAA TATT 470 D GAGA CTCT 530 | H ACA TGT G ATGG | GAA G TGG 'ACC A GCGC GCG | ATCC 420 D AGAC TCTG 480 R CAGG GTCC 540 V |
| +1 | E Q GAGCA CTCGT T G ACTGG TGACC | F GTT CAA R GCCG GGC 4 | GTT 70 E TGA ACT 30 R CAG GTC 90 H GCA | E AGA TCT Y GTA CAT | TCI N GAA CTI F TTI AAA K GAA | TGA 380 W ACTG GAC 440 V TTGT ACA 500 F | Y GTA A GGC CCG T | N TAA TATT L TACT TGA | TAG 39 T CAC GTG 45 N TAA ATT 51 F TTT | TCT 0 Y CTA GAT 0 K CAAA GTT 0 L CTT | S TTC AAG D AGA TCT | TGA S ATC TAC G CGC GCC TAC TAC | N TAMBATTI GO TO | I ACAT TTD7 P CTCC CTCC SAGG | Y FATA R CAAA GTT | TTAC 410 K ATAA TATT 470 D GAGA CTCT 530 P ATCC | HACA TGT GACCO | GAA G TGG 'ACC A GCGC GCG R AAG | ATCC 420 D AGAC TCTG 480 R CAGG GTCC 540 V AGTT |
| +1 | E Q GAGCA CTCGT T G ACTGG | F GTT CAA 4 R GCCG GGC 4 R GAG | GTT 70 E TGA ACT 30 R CAG GTC 90 H GCA CCGT | E AGA TCT Y GTA CAT | TCI N GAA CTI F TTI AAA K GAA | WACTGACACACACACACACACACACACACACACACACACAC | Y GTA CAT A GGC CCG T TAC ATO | N TAA TATT L TACT TGA | TAG 39 T CAC GTG 45 N TAA ATT 51 F TTT | TCT Y CTA GAT 0 K CAAA GTT 0 L CTT | S TTC AAG D AGA TCT | TGA S ATC TAC G GCC S R TAC ATAC | N N TTAMESTALL OF THE STANCE O | I ACAT TTD7 P CTCC CTCC SAGG | Y FATA R CAAA GTT | TTAC 410 K ATAA TATT 470 D GAGA CTCT 530 P ATCC | H ACA GOOD AND ACA GOOD AND ACA GOOD ACC ACC GOOD ACC GOOD ACC ACC GOOD ACC ACC GOOD ACC ACC ACC ACC ACC ACC ACC ACC ACC AC | GAA G TGG 'ACC A GCGC GCG R AAG | ATCC 420 D AGAC TCTG 480 R CAGG GTCC 540 V AGTT TCAA |
| +1 | E Q GAGCA CTCGT T G ACTGG TGACC | F GTT CAA 4 R GCCG GGC 4 R GAG | GTT 70 E TGA ACT 30 R CAG GTC 90 H GCA | E AGA TCT Y GTA CAT | TCI N GAA CTI F TTI AAA K GAA | TGA 380 W ACTG GAC 440 V TTGT ACA 500 F | Y GTA CAT A GGC CCG T TAC ATO | N TAA TATT L TACT TGA | TAG 39 T CAC GTG 45 N TAA ATT 51 F TTT | TCT Y CTA GAT 0 K CAAA GTT 0 L CTT | S TTC AAG D AGA TCT | TGA S ATC TAC G GCC S R TAC ATAC | N TAMBATTI GO TO | I ACAT TTD7 P CTCC CTCC SAGG | Y FATA R CAAA GTT | TTAC 410 K ATAA TATT 470 D GAGA CTCT 530 P ATCC | H ACA GOOD AND ACA GOOD AND ACA GOOD ACC ACC GOOD ACC GOOD ACC ACC GOOD ACC ACC GOOD ACC ACC ACC ACC ACC ACC ACC ACC ACC AC | GAA G TGG 'ACC A GCGC GCG R AAG | ATCC 420 D AGAC TCTG 480 R CAGG GTCC 540 V AGTT |
| +1 | E Q GAGCA CTCGT T G ACTGG TGACC S K TCCAA | F GTT CAA R CCGG GGC 4 R GGCG 4 | GTT 70 E TGA ACT 30 R CAG GTC 90 H GCA CGT 50 | E AGA TCT Y GTA CAT | TCI N GAA CTI F TTI AAA K GAA | WACTGACGACGACGACGACGACGACGACGACGACGACGACGACG | Y GGTA CAT A CGGC CCG T TACC | N ATAA: ATT L LACT ETGA LACA LACA | TAG 39 T CAC GTG 45 N TAA ATT 51 F TTT AAA 57 | TCT Y CTA GAT 0 K CAAA GTT 0 L CTT GAA 0 | S TTC AAG D AGA TCT | TGA S ATC TAC G GCC S R TAC ATAC | N N TTAMESTALL OF THE STANCE O | I ACAT TTD7 P CTCC CTCC SAGG | Y FATA R CAAA GTT | TTAC 410 K ATAA TATT 470 D GAGA CTCT 530 P ATCC | H ACA GOOD AND ACA GOOD AND ACA GOOD ACC ACC GOOD ACC GOOD ACC ACC GOOD ACC ACC GOOD ACC ACC ACC ACC ACC ACC ACC ACC ACC AC | GAA G TGG 'ACC A GCGC GCG R AAG | ATCC 420 D AGAC TCTG 480 R CAGG GTCC 540 V AGTT TCAA |
| +1 | E Q GAGCA CTCGT T G ACTGG TGACC S K TCCAA AGGTT | F GTT CAA R CCGG GGCC 4 R GGGC 4 CTC | GTT 70 E TGA ACT 30 R CAG GTC 90 H GCA CGT 50 | E AGA TCT Y GTA CAT Q TCAT AGA TCAT | N GAP CTT K GAP CTT | WACTGACGACGACGACGACGACGACGACGACGACGACGACGACG | Y GTA CAT | N ATAA: ATT L LACT LACA LACA M | TAG 39 T CACC GTG 45 N TAA ATT 51 F TTTT AAA 57 | TCT Y CTA GAT 0 K CAA GTT 0 L CTTA GAA 0 | S TTC AAG D AGA TCT | TGA S ATO TAG G GCG GCC TAG ATO | N CTAPATO TO SEA CONTROL OF SEA CONT | I ACAT PGTA PCTCC SAGC V V CAGC SAGC | Y TATA TATA R CAAA GTT D TGG | TTAC 410 K ATAA TATT 470 D GAGA CTCT 530 P ATCC TAGC 590 | H ACA GOOD AND ACA GOOD AND ACA GOOD ACC ACC GOOD ACC GOOD ACC ACC GOOD ACC ACC GOOD ACC ACC ACC ACC ACC ACC ACC ACC ACC AC | GAA G TGG 'ACC A GCGC GCG R AAG | ATCC 420 D AGAC TCTG 480 R CAGG GTCC 540 V AGTT TCAA |
| +1 | E Q GAGCA CTCGT T G ACTGG TGACC S K TCCAA AGGTT | F GTT CAA R CCGG GGC 4 R CGGC 4 L AATT | GTT 70 E TGA ACT 30 R.GGTC 90 H GCA GCGT 50 Y GTA | E AGA TCT Y GTA CAT CAT CAT CAT CAT CAT CAT CAT CAT C | N GAP CTT AAP CTT D.GGP | WACTGACGACGACGACGACGACGACGACGACGACGACGACGACG | Y GGTA CAT | NATAAATT LACTT LACATGA LACAA LACAAATGT M PGAT | TAG 39 T CACC GTG 45 N TAA ATT 51 F TTTT AAA 57 Y GTA | TCT Y CTA GAT O K CAAA GTT O L CTT GAA O T CAC | S TTC AAG D AGA TCT P ACC TGG | TGA S ATO TAO G CCGC S R TAO ATO TAO | N CTAPPED TO THE PROPERTY OF T | I ACAM PGTIO GEAGO V CIAG GEAGO | Y FAT. R FAA. STT D GGG | TTAC 410 K ATAA TATT 470 D GAGA CTCT 530 P ATCC TAGC 590 | H ACA GOOD AND ACA GOOD AND ACA GOOD ACC ACC GOOD ACC GOOD ACC ACC GOOD ACC ACC GOOD ACC ACC ACC ACC ACC ACC ACC ACC ACC AC | GAA G TGG 'ACC A GCGC GCG R AAG | ATCC 420 D AGAC TCTG 480 R CAGG GTCC 540 V AGTT TCAA |
| +1 | E Q GAGCA CTCGT T G ACTGG TGACC S K TCCAA AGGTT | F GTT CAA R GCCGGC 4 R GAGGC CTC 5 | GTT 70 E TGA ACT 30 R.GGTC 90 H GCA GCGT 50 Y | E AGA TCT Y GTA CAT CAT CAT CAT CAT CAT CAT CAT CAT C | N GAP CTT AAP CTT D.GGP | WACTGACGACGACGACGACGACGACGACGACGACGACGACGACG | Y GGTA CAT | NATAAATT LACTT LACATGA LACAA LACAAATGT M PGAT | TAG 39 T CACC GTG 45 N TAA ATT 51 F TTTT AAA 57 Y GTA | TCT Y CTA GAT O K CAA GTT O L CTT GAA O T CAC GTC | S TTC AAG D AGA TCT P ACC TGG | TGA S ATO TAO G GCG GCO S TAO ATO TAO ATO TAO ATO TAO TAO TAO TAO | N CTAPPED TO THE PROPERTY OF T | I ACAM PGTIO GEAGO V CIAG GEAGO | Y FAT. R FAA. STT D GGG | TTAC 410 K ATAA TATT 470 D GAGA CTCT 530 P ATCC TAGC 590 | H ACA TGT G ATGG YACO) E LAGA | GAA G TGG 'ACC A GCGC GCG R AAG | ATCC 420 D AGAC TCTG 480 R CAGG GTCC 540 V AGTT TCAA |

Figure 2. FGF-23

| 1 | ATGCGCCGCCTGTGGCTGGCCTGGCTGCTGCTGGCGCGGGCGCCGACGCC M R R R L W L G L A W L L L A R A P D A | 60 20 |
|------------|---|------------|
| 61 21 | GCGGGAACCCCGAGCGCGCGGGGGCCGCGCGCACCTGGAGGGCGACGTG A G T P S A S R G P R S Y P H L E G D V | 120 40 |
| 121 41 | CGCTGGCGGCGCCTCTTCTCCACTCACTTCTTCCTGCGCGTGGATCCCGGCGGCCGC R W R R L F S S T H F F L R V D P G G R | 180 |
| | GTGCAGGGCACCCGCTGGCCACGGCCAGGACAGCATCCTGGAGATCCGCTCTGTACAC V Q G T R W R H G Q D S I L E I R S V H | 240 80 |
| 241 81 | GTGGGCGTCGTGGTCATCAAAGCAGTGTCCTCAGGCTTCTACGTGGCCATGAACCGCCGG V G V V V I K A V S S G F Y V A M N R R | 300 100 |
| 301 101 | GGCCGCCTCTACGGGTCGCGACTCTACACCGTGGACTGCAGGTTCCGGGAGCGCATCGAA G R L Y G S R L Y T V D C R F R E R I E | 360 120 |
| 361 121 | GAGAACGGCCACAACACCTACGCCTCACAGCGCTGGCGCCGCGGCCGGC | 420 140 |
| 421 141 | CTGGCGCTGGACAGGAGGGGGGGGCCCGGCCAGGCGGCGGACGCGGCG | 480 160 |
| 481 161 | TCCGCCCACTTCCTGCCCGTCCTGGTCTCCTGA 513 (SEO ID NO: 3) > S A H F L P V L V S * 171 (SEQ ID NO: 4) | |

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Fgf-21
        MAPLAEVGGF LGGLEGLGQQ VGSHFLLPPA GERPPLLGER RSAAERSA.R
  fqf-9
        MAPLGEVGNY FGVQDAV. P FGNVPVLPV. .DSPVLLSDH LGQSEAGGLP
        ---MAEVGGV FASLDWDLHG FSSSLGNVPL ADSPGFLNER LGQIEGKLQR
 fqf-16
 fgf-22
xfqf-20
        MAPLADVGTF LGGYDALG.Q VGSHFLLPPA KDSPLLFNDP LAQSERLS.R
 fgf-21 GGPGAAQLAH LHGILRRRQL YCRTGFHLQI LPDGSVQGTR QDHSLFGILE
  fqf-9
        RGPAVTDLDH LKGILRRRQL YCRTGFHLEI FPNGTIOGTR KDHSRFGILE
 fgf-16 GSP..TDFAH LKGILRRRQL YCRTGFHLEI FPNGTVHGTR HDHSRFGILE
 xfgf-20 SAP..SDLSH LQGILRRRQL YCRTGFHLQI LPDGNVQGTR QDHSRFGILE
 fgf-21 FISVAVGLVS IRGVDSGLYL GMNDKGELYG SEKLTSECIF REQFEENWYN
  fgf-9 FISIAVGLVS IRGVDSGLYL GMNEKGELYG SEKLTQECVF REQFEENWYN
 fgf-16 FISLAVGLIS IRGVDSGLYL GMNERGELYG SKKLTRECVF REQFEENWYN
        SYSVAVAMVT TRGVASRLYL DSNHKGDLYA SVRLAQESVF WGQSEENWSY
 fgf-22
xfgf-20 FISVAIGLVS IRGVDTGLYL GMNDKGELFG SEKLTSECIF REQFEENWYN
        TYSSNIYKHG DTGRRYFVAL NKDGTPRDGA RSKRHQKFTH FLPRPVDPER
 fgf-21
        TYSSNLYKHV DTGRRYYVAL NKDGTPREGT RTKRHQKFTH FLPRPVDPDK
 fgf-9
 fgf-16
        TYASTLYKHS DSERQYYVAL NKDGSPREGY RTKRHQKFTH FLPRPVDPSK
 fgf-22
        THSSNLYKHV DTRRRYYVPL NQGATPSAGT RSLRRQNYTH VLPRPVDPDK
xfgf-20
        TYSSNLYKHG DSGRRYFVAL NKDGTPRDGT RAKRHOKFTH FLPRPVDPEK
 fgf-21
       VPELYKDLLM YT*
                         (SEQ ID NO: 2)
 fgf-9
       VPELYKDILS QS*
                          (SEQ ID NO: 5)
                       (SEQ ID NO: 6)
 fgf-16
       LPSMSRDLFH YR*
 fgf-22
        VPELYKDILS QS*
                         (SEQ ID NO: 7)
xfgf-20 VPELYKDLMG YS*
                         (SEQ ID NO: 8)
```

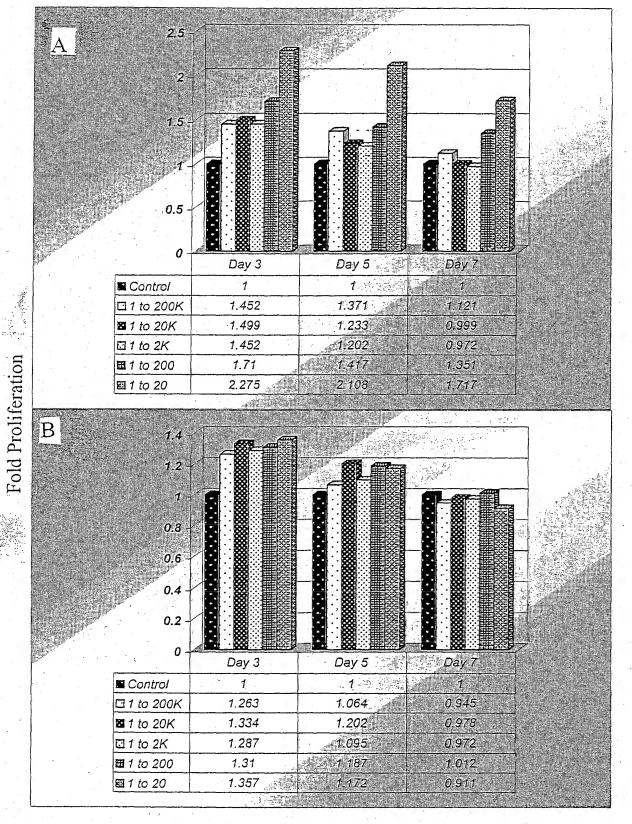


FIG. 4

FIG. 5

FIG. 6A

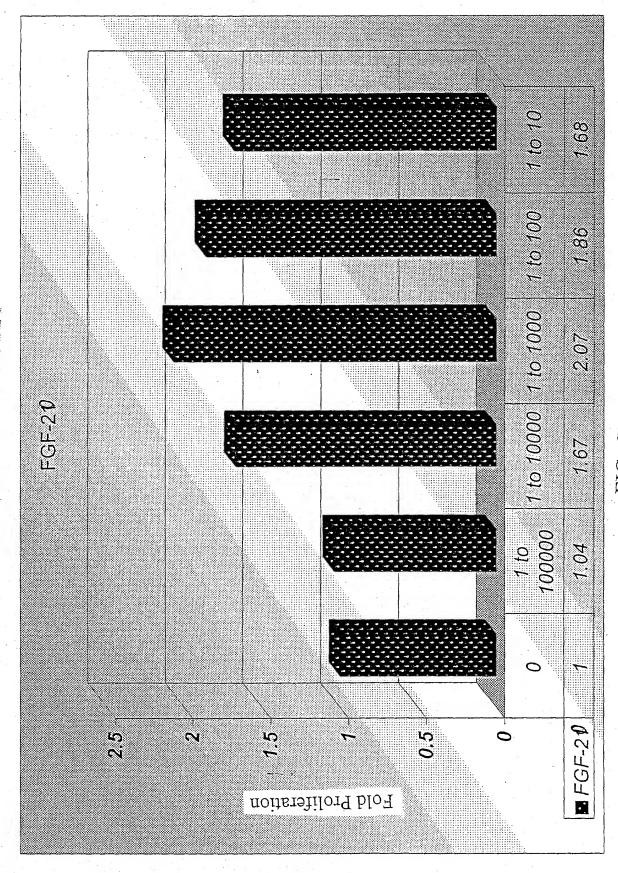


FIG. 6B

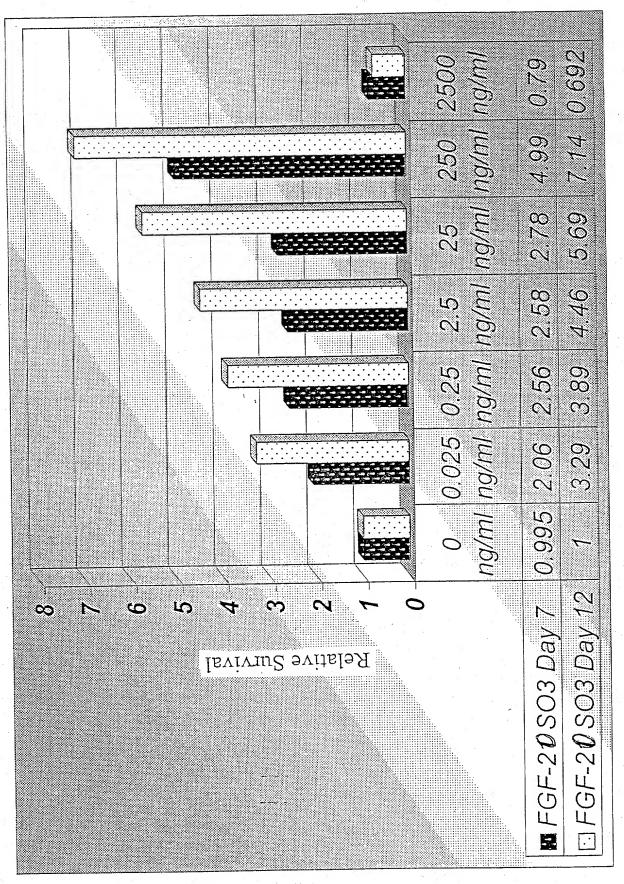


FIG. 7A

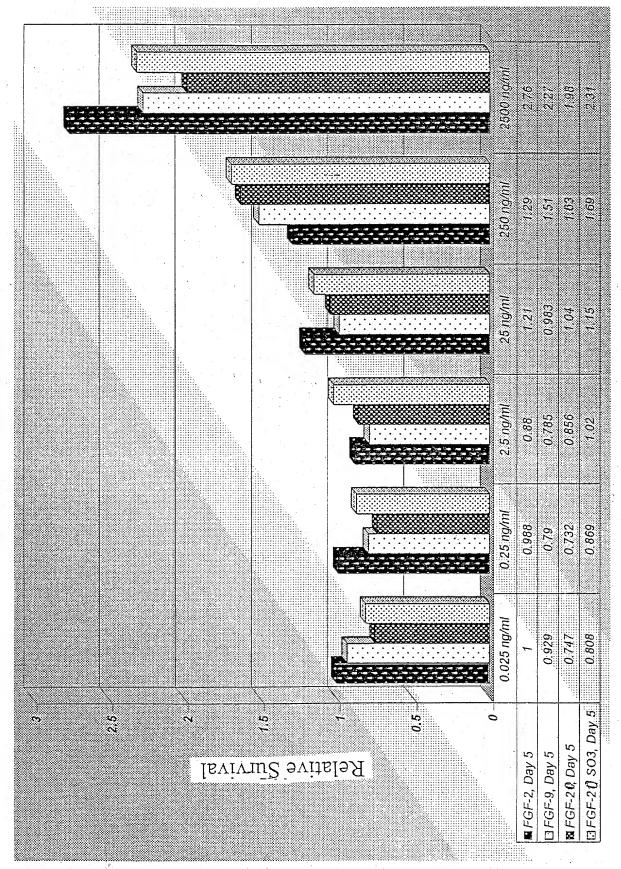


FIG. 7B

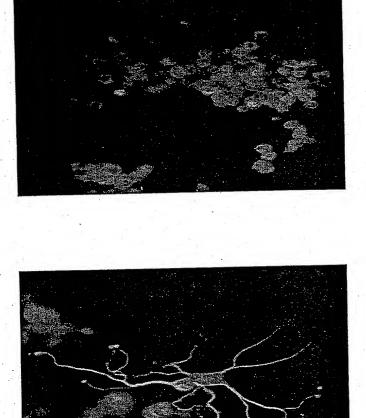


FIG. 8

Primary Rat Neurons Treated with Growth Factors for 5 Days

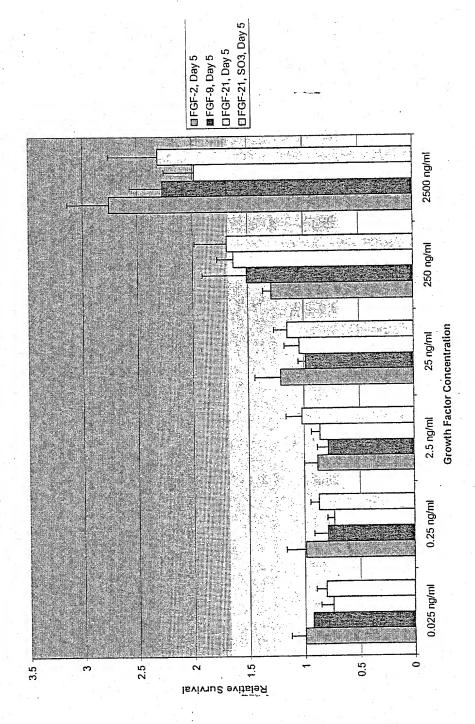


FIG.